

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072720\
 Data File : VD066070.D
 Acq On : 27 Jul 2020 16:41
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/28/2020 1:44:10 PM

Quant Time: Jul 27 17:58:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	240141	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	357574	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	344802	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	192410	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	118549	60.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.34%	
35) Dibromofluoromethane	7.91	113	123284	56.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.68%	
50) Toluene-d8	10.34	98	452981	56.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.14%	
62) 4-Bromofluorobenzene	12.64	95	161146	57.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	73115	40.119	ug/l	96
3) Chloromethane	2.20	50	66301	44.580	ug/l	99
4) Vinyl Chloride	2.34	62	61910	43.713	ug/l	100
5) Bromomethane	2.77	94	49344	49.489	ug/l	99
6) Chloroethane	2.92	64	40531	47.940	ug/l	91
7) Trichlorofluoromethane	3.27	101	165479	48.036	ug/l	100
8) Diethyl Ether	3.70	74	50661	53.204	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.09	101	94422	45.394	ug/l	94
10) Methyl Iodide	4.29	142	118912	55.431	ug/l	94
11) Tert butyl alcohol	5.23	59	34783	286.954	ug/l	98
12) 1,1-Dichloroethene	4.07	96	93116	46.898	ug/l	98
13) Acrolein	3.92	56	37124	225.501	ug/l	99
14) Allyl chloride	4.71	41	148160	47.737	ug/l	92
15) Acrylonitrile	5.42	53	109194	268.422	ug/l	98
16) Acetone	4.16	43	92509	233.893	ug/l	94
17) Carbon Disulfide	4.41	76	282731	43.899	ug/l	100
18) Methyl Acetate	4.72	43	47521	51.648	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	243073	59.585	ug/l	99
20) Methylene Chloride	4.97	84	120424	55.383	ug/l	94
21) trans-1,2-Dichloroethene	5.47	96	113898	50.756	ug/l	98
22) Diisopropyl ether	6.36	45	314072	53.264	ug/l	95
23) Vinyl Acetate	6.30	43	925451	278.295	ug/l	95
24) 1,1-Dichloroethane	6.27	63	192004	53.741	ug/l	97
25) 2-Butanone	7.21	43	135321	257.843	ug/l	93
26) 2,2-Dichloropropane	7.21	77	162665	50.630	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	125928	53.001	ug/l	99
28) Bromochloromethane	7.55	49	85495	56.381	ug/l	89
29) Tetrahydrofuran	7.56	42	87370	269.814	ug/l	94
30) Chloroform	7.71	83	207310	55.472	ug/l	96
31) Cyclohexane	7.99	56	150869	42.923	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	184689	53.426	ug/l	99
36) 1,1-Dichloropropene	8.11	75	148328	48.605	ug/l	100
37) Ethyl Acetate	7.30	43	62746	53.838	ug/l	98
38) Carbon Tetrachloride	8.10	117	173856	52.505	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072720\
 Data File : VD066070.D
 Acq On : 27 Jul 2020 16:41
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/28/2020 1:44:10 PM

Quant Time: Jul 27 17:58:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	170535	46.145	ug/l	96
40) Benzene	8.35	78	438572	51.369	ug/l	99
41) Methacrylonitrile	7.53	41	37946	56.836	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	138710	59.290	ug/l	99
43) Isopropyl Acetate	8.45	43	122580	53.851	ug/l	99
44) Trichloroethene	9.11	130	133170	51.544	ug/l	99
45) 1,2-Dichloropropane	9.39	63	107038	51.765	ug/l	99
46) Dibromomethane	9.48	93	61474	55.226	ug/l	96
47) Bromodichloromethane	9.66	83	162393	55.175	ug/l	97
48) Methyl methacrylate	9.46	41	58351	50.819	ug/l #	86
49) 1,4-Dioxane	9.46	88	13873	1075.735	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	321496	280.311	ug/l	100
52) Toluene	10.41	92	300197	53.917	ug/l	97
53) t-1,3-Dichloropropene	10.63	75	155931	56.866	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	180369	54.265	ug/l	94
55) 1,1,2-Trichloroethane	10.80	97	87871	55.660	ug/l	95
56) Ethyl methacrylate	10.67	69	107707	58.680	ug/l	95
57) 1,3-Dichloropropane	10.95	76	142611	54.568	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.94	63	243825	278.078	ug/l	96
59) 2-Hexanone	10.99	43	218313	274.675	ug/l	95
60) Dibromochloromethane	11.14	129	125018	58.733	ug/l	100
61) 1,2-Dibromoethane	11.25	107	88652	58.241	ug/l	100
64) Tetrachloroethene	10.88	164	117192	50.076	ug/l	95
65) Chlorobenzene	11.67	112	331558	52.519	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.74	131	131506	56.414	ug/l	99
67) Ethyl Benzene	11.75	91	572868	52.729	ug/l	98
68) m/p-Xylenes	11.86	106	450536	107.891	ug/l	99
69) o-Xylene	12.18	106	206150	54.278	ug/l	96
70) Styrene	12.20	104	371325	56.902	ug/l	99
71) Bromoform	12.37	173	78853	57.749	ug/l #	100
73) Isopropylbenzene	12.48	105	569999	48.958	ug/l	100
74) N-amyl acetate	12.30	43	122433	50.718	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	95441	49.602	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	59990m	41.408	ug/l	
77) Bromobenzene	12.77	156	152693	51.317	ug/l	94
78) n-propylbenzene	12.83	91	656175	48.569	ug/l	98
79) 2-Chlorotoluene	12.91	91	382352	49.537	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	489544	51.179	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	31653	50.135	ug/l	96
82) 4-Chlorotoluene	13.01	91	396678	48.690	ug/l	97
83) tert-Butylbenzene	13.23	119	421606	50.369	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	491004	52.030	ug/l	98
85) sec-Butylbenzene	13.41	105	566766	49.159	ug/l	98
86) p-Isopropyltoluene	13.53	119	539005	51.460	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	279697	50.630	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	274350	49.126	ug/l	98
89) n-Butylbenzene	13.85	91	466263	47.874	ug/l	99
90) Hexachloroethane	14.12	117	106013	48.892	ug/l	94
91) 1,2-Dichlorobenzene	13.90	146	252242	52.693	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	15696	49.774	ug/l	94

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD072720\
Data File : VD066070.D
Acq On : 27 Jul 2020 16:41
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
7/28/2020 1:44:10 PM

Quant Time: Jul 27 17:58:30 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 12:34:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	185565	54.005	ug/l	99
94) Hexachlorobutadiene	15.27	225	104479	49.183	ug/l	97
95) Naphthalene	15.41	128	307301	50.270	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	167508	56.077	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

